Event

MPTS AJET
STK4301 STK4401
CCIP DELIVERY
T-45

Mission

STRIKE

1.1 HOURS/X

ORM

STK 4301 AND 4401

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

STK 4301 AND 4401

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

STK 4301 AND 4401

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **PREREQUISITES:**
  - **STK 4202 FOR STK 4301**
  - **STK 4301 FOR STK 4401**

- **DISCUSS ITEMS:**

  STK 4301
  - **NATOPS/SOP/EP QOD**
  - **SAFETY REQUIREMENTS FOR FORWARD FIRING ORDNANCE**
  - **RICOCHET DANGERS (JINKING) – NO JINK WILL BE PERFORMED ON THIS FLIGHT**
  - **EMERGENCIES**
  - **FTI SAFETY PRECAUTIONS (STK 4401)**

SYLLABUS NOTES

STK 4301 AND 4401

A. **STK 4301 – CCIP DELIVERY MODE WILL BE INTRODUCED. MAY BE FLOWN IN THE 30- OR 10-DEGREE PATTERNS.**

B. **STK 4301 – INTRODUCE 10-DEGREE STRAFE PATTERN.**

C. **STK 4401 – CCIP BOMBING IN THE 30-DEGREE AND 10-DEGREE PATTERNS MAY BE PERFORMED IF THEY WERE ACCOMPLISHED ON STK4301.**

D. **STK 4301/4401 – A MINIMUM OF FOUR BOMBS DELIVERED IS REQUIRED TO COMPLETE EACH EVENT.**

ADMIN (CARD)

STK 4301 AND 4401

- **A/C – ATC C/S – CREW**
- **BRIEF / WALK / TAKEOFF / LAND TIMES**
- **ATC CLEARANCE / DD-175**
- **FUEL PLAN/LADDER**
- **LINE / T/O / ABORT / RPM**
- **COMM PLAN**
- **NAV PLAN**

ADMIN

STK 4301 AND 4401

- **LAUNCH**
  - **WEATHER / NOTAMS / TFR / BASH**
  - **PREFLIGHT / START / TAXI**
  - **ITO**
  - **ENROUTE PROCEDURES**
  - **RADALT USAGE**

- **RTB**
  - **RECOVERY**
  - **DIVERTS**

CONDUCT

STK 4301 AND 4401

- **TIMS RESUME REVIEW**

- **PRACTICE:**
  - **COMMUNICATIONS**
  - **GROUND OPS**
  - **FLIGHT ADMIN**
  - **TACTICAL ADMIN**
  - **TAKEOFF**
  - **RENDEZVOUS**
  - **FORMATION WING**
  - **MACH RUN**

CONDUCT

STK 4301 AND 4401

- **PRACTICE CONTINUED:**
  - **30 DEGREE PATTERN/BOMBS**
  - **20 DEGREE PATTERN/BOMBS (if wx dictates)**
  - **10 DEGREE PATTERN/BOMBS (if wx dictates)**
  - **10 DEGREE STRAFE/RECOVERY**
  - **ROLL IN**
  - **TRACKING/DIVE ANGLE**
  - **CCIP TARGET TRACKING**
  - **ERROR CORRECTIONS**
  - **RELEASE/FIRING PARAMETERS**
  - **DIVE RECOVERY**
  - **ACCURACY**
  - **OFF TARGET RENDEZVOUS**
  - **LANDINGS**

BLOCK MIF

STK 4301 AND 4401

Block MIF

CTS REF	MANEUVER	STK4301
1	General Knowledge/Procedures	4+
2	Emergency Procedures	4
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	4+
9	Tactical Admin	4+
30 10	Takeoff	4+
11	Rendezvous	4+
32	Formation Wing	4+
49	Mach Run	4+
49	30-Degree Pattern/Bombs	4+
49	20-Degree Pattern/Bombs	3
49	10-Degree Pattern/Bombs	4+
49	10-Degree Strafe/recovery	3+
49	Roll-In	4+
49	Tracking/Dive Angle	4+
49	CCIP Target Tracking	3+
49	Error Corrections	4+
49	Release/Firing Parameters	4+
49	Dive Recovery	4+
49	Accuracy	3
50	Off-Target Rendezvous	4+
23	Landings	4+

Block MIF

CTS REF	MANEUVER	STK4401
1	General Knowledge/Procedures	4+
2	Emergency Procedures	4
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	4+
9	Tactical Admin	4+
30 10	Takeoff	4+
11	Rendezvous	4+
32	Formation Wing	4+
49	Mach Run	4+
49	30-Degree Pattern/Bombs	4
49	20-Degree Pattern/Bombs	3
49	10-Degree Pattern/Bombs	4
49	CCIP Target Tracking	4
49	Error Corrections	4+
49	Release/Firing Parameters	4+
49	Dive Recovery	4+
49	Accuracy	3
50	Off-Target Rendezvous	4+
23	Landings	1

Emergencies

STK 4301 AND 4401

- **WX/TIMING NO-GO**
- **FALL OUT PLAN / ABORTS**
- **SINGLE RADIO/NORDO/ ICS FAIL**
- **RWY DEP / GND EJECTION**
- **LOSS OF NAVAIDS**
- **LOST SIGHT/LOST INTERVAL**
- **SYSTEM FAILURES**
- **LCLS**
- **DISORIENTATION**
- **BIRD STRIKE/ MIDAIR**
- **EJECTION**
- **SAR PROCEDURES**
- **INTERLOPER**
- **LAME DUCK/REJOIN PLAN**
- **SIMO RUN**
- **TACTICAL ABORT CRITERIA**
- **TGT FIXATION**
- **LOW PULLOUT**
- **OVERSTRESS**
- **CONT. PROB IN DIVE**
- **UNDERRUN**
- **HUNG ORDNANCE**
- **AIRCREW COORDINATION**
- **ORM/TTO**
- **BETS**

STANDARD DEBRIEFING FORMAT

STK 4301 AND 4401

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED